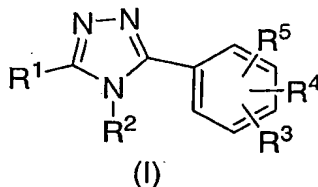


## WHAT IS CLAIMED IS:

1. A method of treating a condition responsive to inhibition of 11 $\beta$ -hydroxysteroid dehydrogenase-1 in a mammal in need thereof comprising administering to said mammal a therapeutically effective amount of a compound of structural formula I:



or a pharmaceutically acceptable salt thereof; wherein

each n is 0, 1, or 2;

each p is 0, 1, or 2;

R<sup>1</sup> is aryl or heteroaryl wherein heteroaryl is selected from the group consisting of

pyridyl,  
thienyl,  
furyl,  
pyrazolyl,  
thiazolyl,  
oxazolyl,  
imidazolyl,  
indolyl,  
benzothiophenyl,  
benzofuryl, and  
benzimidazolyl;

in which aryl and heteroaryl are substituted with one to four substituents independently selected from R<sup>3</sup>, R<sup>4</sup>, and R<sup>5</sup>;

R<sup>2</sup> is selected from the group consisting of

C<sub>1-4</sub> alkyl,  
C<sub>2-4</sub> alkenyl, and  
(CH<sub>2</sub>)<sub>n</sub>-C<sub>3-6</sub> cycloalkyl;

R<sup>3</sup>, R<sup>4</sup>, and R<sup>5</sup> are each independently selected from the group consisting of

hydrogen,  
formyl,  
C<sub>1-6</sub> alkyl,

C<sub>2-6</sub> alkenyl,  
 (CH<sub>2</sub>)<sub>n</sub>-aryl,  
 (CH<sub>2</sub>)<sub>n</sub>-heteroaryl,  
 (CH<sub>2</sub>)<sub>n</sub>-heterocyclyl,  
 (CH<sub>2</sub>)<sub>n</sub>C<sub>3-7</sub> cycloalkyl,  
 halogen,  
 OR<sup>7</sup>,  
 (CH<sub>2</sub>)<sub>n</sub>N(R<sup>7</sup>)<sub>2</sub>,  
 cyano,  
 (CH<sub>2</sub>)<sub>n</sub>CO<sub>2</sub>R<sup>7</sup>,  
 NO<sub>2</sub>,  
 (CH<sub>2</sub>)<sub>n</sub>NR<sup>7</sup>SO<sub>2</sub>R<sup>6</sup>,  
 (CH<sub>2</sub>)<sub>n</sub>SO<sub>2</sub>N(R<sup>7</sup>)<sub>2</sub>,  
 (CH<sub>2</sub>)<sub>n</sub>S(O)<sub>p</sub>R<sup>6</sup>,  
 (CH<sub>2</sub>)<sub>n</sub>SO<sub>2</sub>OR<sup>7</sup>,  
 (CH<sub>2</sub>)<sub>n</sub>NR<sup>7</sup>C(O)N(R<sup>7</sup>)<sub>2</sub>,  
 (CH<sub>2</sub>)<sub>n</sub>C(O)N(R<sup>7</sup>)<sub>2</sub>,  
 (CH<sub>2</sub>)<sub>n</sub>NR<sup>6</sup>C(O)R<sup>6</sup>,  
 (CH<sub>2</sub>)<sub>n</sub>NR<sup>6</sup>CO<sub>2</sub>R<sup>7</sup>,  
 O(CH<sub>2</sub>)<sub>n</sub>C(O)N(R<sup>7</sup>)<sub>2</sub>,  
 CF<sub>3</sub>,  
 CH<sub>2</sub>CF<sub>3</sub>,  
 OCF<sub>3</sub>,  
 OCHCF<sub>2</sub>, and  
 OCH<sub>2</sub>CF<sub>3</sub>;

wherein aryl, heteroaryl, cycloalkyl, and heterocyclyl are unsubstituted or substituted with one to three substituents independently selected from halogen, hydroxy, C<sub>1-4</sub> alkyl, trifluoromethyl, trifluoromethoxy, and C<sub>1-4</sub> alkoxy; and wherein any methylene (CH<sub>2</sub>) carbon atom in R<sup>3</sup>, R<sup>4</sup>, and R<sup>5</sup> is unsubstituted or substituted with one to two groups independently selected from halogen, hydroxy, and C<sub>1-4</sub> alkyl; or two substituents when on the same methylene (CH<sub>2</sub>) carbon atom are taken together with the carbon atom to which they are attached to form a cyclopropyl group; each R<sup>6</sup> is independently selected from the group consisting of

C<sub>1-8</sub> alkyl,  
 C<sub>2-4</sub> alkynyl,  
 (CH<sub>2</sub>)<sub>n</sub>-aryl,

$(\text{CH}_2)_n$ -heteroaryl, and

$(\text{CH}_2)_n\text{C}_{3-7}$  cycloalkyl;

wherein alkyl and cycloalkyl are unsubstituted or substituted with one to five substituents independently selected from halogen, oxo,  $\text{C}_{1-4}$  alkoxy,  $\text{C}_{1-4}$  alkylthio, hydroxy, and amino; and aryl and heteroaryl are unsubstituted or substituted with one to three substituents independently selected from cyano, halogen, hydroxy, amino, carboxy, trifluoromethyl, trifluoromethoxy,  $\text{C}_{1-4}$  alkyl, and  $\text{C}_{1-4}$  alkoxy;

or two  $\text{R}^6$  groups together with the atom to which they are attached form a 5- to 8-membered mono- or bicyclic ring system optionally containing an additional heteroatom selected from O, S, and  $\text{NC}_{0-4}$  alkyl; and

each  $\text{R}^7$  is hydrogen or  $\text{R}^6$ .

2. The method of Claim 1 wherein said condition is selected from the group consisting of diabetes, obesity, insulin resistance, a lipid disorder, hypertension, atherosclerosis, and Metabolic Syndrome.

3. The method of Claim 1 wherein  $\text{R}^2$  is methyl.

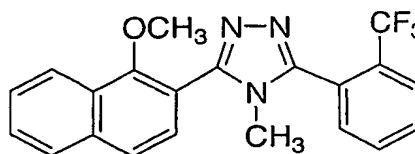
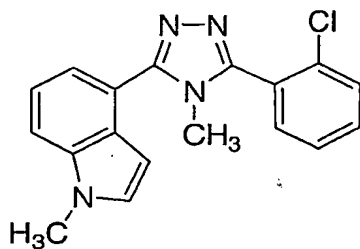
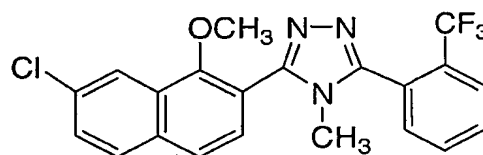
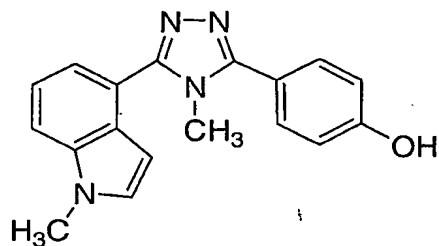
4. The method of Claim 1 wherein  $\text{R}^3$  is hydrogen and  $\text{R}^4$  and  $\text{R}^5$  are each independently selected from the group consisting of amino, halogen, hydroxy, nitro, trifluoromethyl, trifluoromethoxy, difluoromethoxy,  $\text{C}_{2-3}$  alkynyloxy,  $\text{C}_{1-5}$  alkyl, cyclopropyl,  $\text{C}_{1-4}$  alkoxy,  $\text{C}_{1-4}$  alkylthio, and  $\text{C}_{1-4}$  alkylsulfonyl.

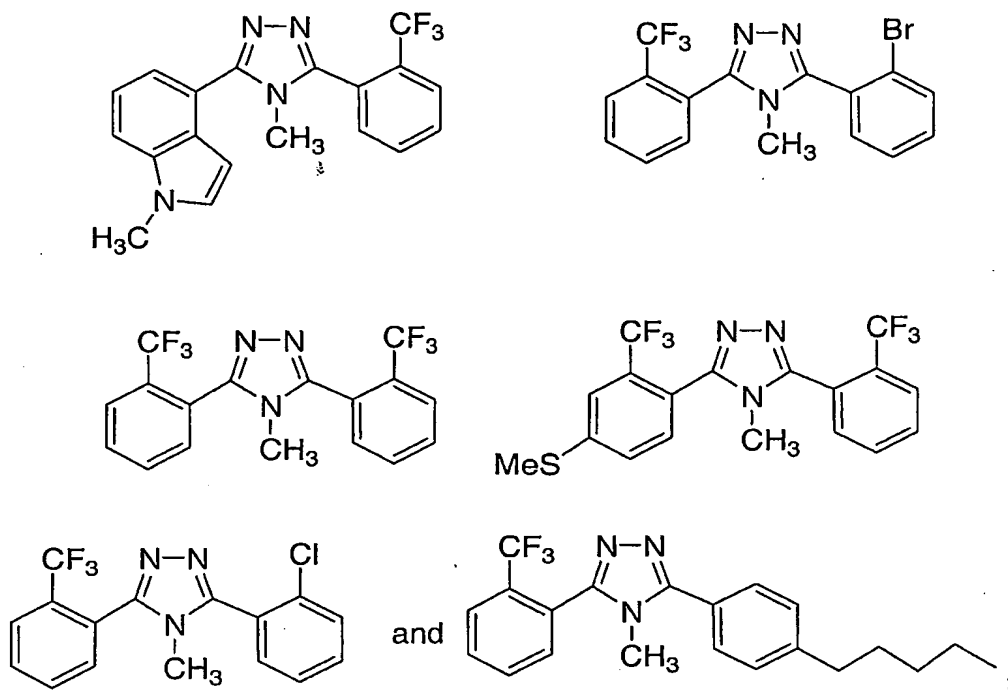
5. The method of Claim 1 wherein  $\text{R}^1$  is phenyl or naphthyl each of which is substituted with one to three substituents independently selected from  $\text{R}^3$ .

6. The method of Claim 5 wherein  $\text{R}^3$  is selected from the group consisting of amino, halogen, hydroxy, nitro, trifluoromethyl, trifluoromethoxy, difluoromethoxy,  $\text{C}_{1-5}$  alkyl,  $\text{C}_{1-4}$  alkoxy,  $\text{C}_{1-4}$  alkylsulfonyl, phenyl, phenyloxy, phenylthio, and phenylsulfonyl, wherein the phenyl moiety of each is unsubstituted or substituted with one to three substituents independently selected from cyano, halogen, hydroxy, amino, carboxy, trifluoromethyl, trifluoromethoxy,  $\text{C}_{1-4}$  alkyl, and  $\text{C}_{1-4}$  alkoxy.

7. The method of Claim 6 wherein  $\text{R}^2$  is methyl.

8. The method of Claim 1 wherein R<sup>1</sup> is heteroaryl substituted with one to three substituents independently selected from R<sup>3</sup>.
9. The method of Claim 8 wherein R<sup>2</sup> is methyl.
10. The method of Claim 8 wherein heteroaryl is pyrazolyl or indolyl, each of which is substituted with one to three substituents independently selected from R<sup>3</sup>.
11. The method of Claim 10 wherein R<sup>2</sup> is methyl.
12. The method of Claim 10 wherein R<sup>3</sup> is selected from the group consisting of amino, halogen, hydroxy, nitro, trifluoromethyl, trifluoromethoxy, difluoromethoxy, C<sub>1-5</sub> alkyl, C<sub>1-4</sub> alkoxy, C<sub>1-4</sub> alkylsulfonyl, phenyl, phenyloxy, phenylthio, and phenylsulfonyl, wherein the phenyl moiety of each is unsubstituted or substituted with one to three substituents independently selected from cyano, halogen, hydroxy, amino, carboxy, trifluoromethyl, trifluoromethoxy, C<sub>1-4</sub> alkyl, and C<sub>1-4</sub> alkoxy.
13. The method of Claim 12 wherein R<sup>2</sup> is methyl.
14. The method of Claim 1 wherein the compound of structural formula I is selected from the group consisting of:

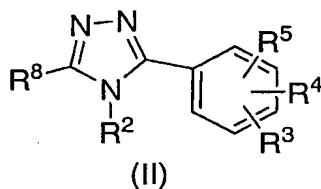




or a pharmaceutically acceptable salt thereof.

15. The method of Claim 2 wherein said diabetes is Type 2 diabetes.

16. A compound of structural formula II:



or a pharmaceutically acceptable salt thereof; wherein

each n is 0, 1, or 2;

each p is 0, 1, or 2;

R<sup>8</sup> is naphthyl or heteroaryl wherein heteroaryl is selected from the group consisting of

pyridyl,

thienyl,

furyl,

pyrazolyl,

thiazolyl,  
oxazolyl,  
imidazolyl,  
indolyl,  
benzothiophenyl,  
benzofuryl, and  
benzimidazolyl;

in which naphthyl and heteroaryl are substituted with one to three substituents independently selected from R<sup>3</sup>, R<sup>4</sup>, and R<sup>5</sup>;

R<sup>2</sup> is methyl or cyclopropyl;

R<sup>3</sup>, R<sup>4</sup>, and R<sup>5</sup> are each independently selected from the group consisting of

hydrogen,  
formyl,  
C<sub>1-6</sub> alkyl,  
C<sub>2-6</sub> alkenyl,  
(CH<sub>2</sub>)<sub>n</sub>-aryl,  
(CH<sub>2</sub>)<sub>n</sub>-heteroaryl,  
(CH<sub>2</sub>)<sub>n</sub>-heterocyclyl,  
(CH<sub>2</sub>)<sub>n</sub>C<sub>3-7</sub> cycloalkyl,  
halogen,  
OR<sup>7</sup>,  
(CH<sub>2</sub>)<sub>n</sub>N(R<sup>7</sup>)<sub>2</sub>,  
cyano,  
(CH<sub>2</sub>)<sub>n</sub>CO<sub>2</sub>R<sup>7</sup>,  
NO<sub>2</sub>,  
(CH<sub>2</sub>)<sub>n</sub>NR<sup>7</sup>SO<sub>2</sub>R<sup>6</sup>,  
(CH<sub>2</sub>)<sub>n</sub>SO<sub>2</sub>N(R<sup>7</sup>)<sub>2</sub>,  
(CH<sub>2</sub>)<sub>n</sub>S(O)<sub>p</sub>R<sup>6</sup>,  
(CH<sub>2</sub>)<sub>n</sub>SO<sub>2</sub>OR<sup>7</sup>,  
(CH<sub>2</sub>)<sub>n</sub>NR<sup>7</sup>C(O)N(R<sup>7</sup>)<sub>2</sub>,  
(CH<sub>2</sub>)<sub>n</sub>C(O)N(R<sup>7</sup>)<sub>2</sub>,  
(CH<sub>2</sub>)<sub>n</sub>NR<sup>6</sup>C(O)R<sup>6</sup>,  
(CH<sub>2</sub>)<sub>n</sub>NR<sup>6</sup>CO<sub>2</sub>R<sup>7</sup>,  
O(CH<sub>2</sub>)<sub>n</sub>C(O)N(R<sup>7</sup>)<sub>2</sub>,  
CF<sub>3</sub>,

CH<sub>2</sub>CF<sub>3</sub>,  
 OCF<sub>3</sub>,  
 OCHCF<sub>2</sub>, and  
 OCH<sub>2</sub>CF<sub>3</sub>;

wherein aryl, heteroaryl, cycloalkyl, and heterocyclyl are unsubstituted or substituted with one to three substituents independently selected from halogen, hydroxy, C<sub>1-4</sub> alkyl, trifluoromethyl, trifluoromethoxy, and C<sub>1-4</sub> alkoxy; and wherein any methylene (CH<sub>2</sub>) carbon atom in R<sup>3</sup>, R<sup>4</sup>, and R<sup>5</sup> is unsubstituted or substituted with one to two groups independently selected from halogen, hydroxy, and C<sub>1-4</sub> alkyl; or two substituents when on the same methylene (CH<sub>2</sub>) carbon atom are taken together with the carbon atom to which they are attached to form a cyclopropyl group; each R<sup>6</sup> is independently selected from the group consisting of

C<sub>1-8</sub> alkyl,  
 (CH<sub>2</sub>)<sub>n</sub>-aryl,  
 (CH<sub>2</sub>)<sub>n</sub>-heteroaryl, and  
 (CH<sub>2</sub>)<sub>n</sub>C<sub>3-7</sub> cycloalkyl;

wherein alkyl and cycloalkyl are unsubstituted or substituted with one to five substituents independently selected from halogen, oxo, C<sub>1-4</sub> alkoxy, C<sub>1-4</sub> alkylthio, hydroxy, amino; and aryl and heteroaryl are unsubstituted or substituted with one to three substituents independently selected from cyano, halogen, hydroxy, amino, carboxy, trifluoromethyl, trifluoromethoxy, C<sub>1-4</sub> alkyl, and C<sub>1-4</sub> alkoxy; or two R<sup>6</sup> groups together with the atom to which they are attached form a 5- to 8-membered mono- or bicyclic ring system optionally containing an additional heteroatom selected from O, S, and NC<sub>1-4</sub> alkyl; and each R<sup>7</sup> is hydrogen or R<sup>6</sup>.

17. The compound of Claim 16 wherein R<sup>2</sup> is methyl.

18. The compound of Claim 16 wherein R<sup>8</sup> is indolyl or pyrazolyl substituted with one to three substituents independently selected from R<sup>3</sup>.

19. The compound of Claim 18 wherein R<sup>2</sup> is methyl.

20. A compound which is selected from the group consisting of:

4-methyl-3,5-bis[2-(trifluoromethyl)phenyl]-4*H*-1,2,4-triazole;  
 4-methyl-3-[4-(methylthio)-2-(trifluoromethyl)phenyl]-5-[2-(trifluoromethyl)phenyl]-4*H*-1,2,4-triazole;

4-methyl-3-(4-pentylphenyl)-5-[2-(trifluoromethyl)phenyl]-4*H*-1,2,4-triazole;  
3-(2-chlorophenyl)-4-methyl-5-[2-(trifluoromethyl)phenyl]-4*H*-1,2,4-triazole;  
3-(1-methoxy-2-naphthyl)-4-methyl-5-[2-(trifluoromethyl)phenyl]-4*H*-1,2,4-triazole;  
4-[5-(2-chlorophenyl)-4-methyl-4*H*-1,2,4-triazol-3-yl]-1-methyl-1*H*-indole;  
4-{4-methyl-5-[2-(trifluoromethyl)phenyl]-4*H*-1,2,4-triazol-3-yl}-1-methyl-1*H*-indole;  
3-(2-bromophenyl)-4-methyl-5-[2-(trifluoromethyl)phenyl]-4*H*-1,2,4-triazole;  
3-(7-chloro-1-methoxy-2-naphthyl)-4-methyl-5-[2-(trifluoromethyl)-4*H*-1,2,4-triazole;  
4-[4-methyl-5-(1-methyl-1*H*-indol-4-yl)-4*H*-1,2,4-triazol-3-yl]phenol;  
3-(2,4-dichlorophenyl)-4-methyl-5-[2-(trifluoromethyl)phenyl]-4*H*-1,2,4-triazole;  
3-[2,4-bis(trifluoromethyl)phenyl]-4-methyl-5-[2-(trifluoromethyl)phenyl]-4*H*-1,2,4-triazole;  
3-(2-chlorophenyl)-5-(2,4-dichlorophenyl)-4-methyl-4*H*-1,2,4-triazole;  
3-(2-chloro-4-fluorophenyl)-4-methyl-5-[2-(trifluoromethyl)phenyl]-4*H*-1,2,4-triazole;  
3-(2,4-dichlorophenyl)-4-methyl-5-[2-(methylthio)phenyl]-4*H*-1,2,4-triazole;  
3-(2,4-dichlorophenyl)-4-methyl-5-(2-methylphenyl)-4*H*-1,2,4-triazole;  
3-(2-chlorophenyl)-5-[5-(2-chlorophenyl)-1-methyl-1*H*-pyrazol-3-yl]-4-methyl-4*H*-1,2,4-triazole;  
4-[5-(2-methoxyphenyl)-4-methyl-4*H*-1,2,4-triazol-3-yl]-1-methyl-1*H*-indole;  
4-methyl-3-(2-methyl-1-naphthyl)-5-[2-(trifluoromethyl)phenyl]-4-methyl-4*H*-1,2,4-triazole;  
3-(1,4-dichloro-2-naphthyl)-4-methyl-5-[2-(trifluoromethyl)phenyl]-4*H*-1,2,4-triazole;  
3-(4-chloro-1-methoxy-2-naphthyl)-4-methyl-5-[2-(trifluoromethyl)phenyl]-4*H*-1,2,4-triazole;  
3-(1-fluoro-2-naphthyl)-4-methyl-5-[2-(trifluoromethyl)phenyl]-4*H*-1,2,4-triazole;  
*N*-methyl-2-{4-methyl-5-(trifluoromethyl)phenyl]-4*H*-1,2,4-triazol-3-yl}naphthalen-1-amine;  
3,5-bis-(2,4-dimethylphenyl)-4-methyl-4*H*-1,2,4-triazole;  
3-(2,4-dichlorophenyl)-5-[2-(ethylthio)phenyl]-4-methyl-4*H*-1,2,4-triazole;  
3-(2-cyclopropylphenyl)-5-(2,4-dichlorophenyl)-4-methyl-4*H*-1,2,4-triazole;  
3-[(2-chloro-4-(ethylthio)phenyl)]-5-(2-fluorophenyl)-4-methyl-4*H*-1,2,4-triazole;  
3-(2-methoxyphenyl)-4-methyl-5-[2-(trifluoromethyl)phenyl]-4*H*-1,2,4-triazole;  
3-(2,6-dichlorophenyl)-4-methyl-5-[2-(trifluoromethyl)phenyl]-4*H*-1,2,4-triazole;  
3-(2-chlorophenyl)-5-[(2-difluoromethoxy)phenyl]-4-methyl-4*H*-1,2,4-triazole;  
3-(2-chloro-4-fluorophenyl)-5-(2-chlorophenyl)-4-methyl-4*H*-1,2,4-triazole;  
3-(2,4-dichlorophenyl)-5-[(2-difluoromethoxy)phenyl]-4-methyl-4*H*-1,2,4-triazole;  
4-methyl-3-(2-phenoxyphenyl)-5-[2-(trifluoromethyl)phenyl]-4*H*-1,2,4-triazole;  
4-methyl-3-[2-(trifluoromethoxy)phenyl]-5-[2-(trifluoromethyl)phenyl]-4*H*-1,2,4-triazole;  
4-methyl-3-[2-(prop-2-yn-1-yloxy)phenyl]-5-[2-(trifluoromethyl)phenyl]-4*H*-1,2,4-triazole;  
3-{2-[(4-chlorophenyl)thio]phenyl}-4-methyl-5-[2-(trifluoromethyl)phenyl]-4*H*-1,2,4-triazole;  
3-[2-(difluoromethoxy)phenyl]-4-methyl-5-[2-(trifluoromethyl)phenyl]-4*H*-1,2,4-triazole;



3-(2-ethoxyphenyl)-4-methyl-5-[2-(trifluoromethyl)phenyl]-4*H*-1,2,4-triazole;  
4-methyl-3-(2-propoxyphenyl)-5-[2-(trifluoromethyl)phenyl]-4*H*-1,2,4-triazole;  
3,5-bis(2-chlorophenyl)-4-methyl-4*H*-1,2,4-triazole;  
3,5-bis(2,3-dichlorophenyl)-4-methyl-4*H*-1,2,4-triazole;  
3-(3-chloro-2-naphthyl)-4-methyl-5-[2-(trifluoromethyl)phenyl]-4*H*-1,2,4-triazole;  
3-(5-chloro-6-methoxy-1-naphthyl)-4-methyl-5-[2-(trifluoromethyl)phenyl]-4*H*-1,2,4-triazole;  
3-[2-(4-chlorophenoxy)phenyl]-4-methyl-5-[2-(trifluoromethyl)phenyl]-4*H*-1,2,4-triazole;  
3-[4-(4-chlorophenoxy)phenyl]-4-methyl-5-[2-(trifluoromethyl)phenyl]-4*H*-1,2,4-triazole;  
3-[4-chloro-5-(2-chlorophenyl)-1-methyl-1*H*-pyrazol-3-yl]-4-methyl-5-[2-(trifluoromethyl)phenyl]-4*H*-1,2,4-triazole;  
4-methyl-3-(2,4,6-trichloro-1-naphthyl)-5-[2-(trifluoromethyl)phenyl]-4*H*-1,2,4-triazole;  
3-(2-chlorophenyl)-4-methyl-5-[2-(trifluoromethoxy)phenyl]-4*H*-1,2,4-triazole;  
3-(2-bromophenyl)-5-(2-methoxyphenyl)-4-methyl-4*H*-1,2,4-triazole;  
3-(2,3-dichlorophenyl)-4-methyl-5-(2-methylphenyl)-4*H*-1,2,4-triazole;  
3-(2,3-dichlorophenyl)-5-(2-methoxyphenyl)-4-methyl-4*H*-1,2,4-triazole;  
3-(2-bromophenyl)-4-methyl-5-(2-methylphenyl)-4*H*-1,2,4-triazole;  
4-methyl-3-(2-methylphenyl)-5-[2-(trifluoromethoxy)phenyl]-4*H*-1,2,4-triazole;  
3-(2-chlorophenyl)-4-cyclopropyl-5-[2-(trifluoromethyl)phenyl]-4*H*-1,2,4-triazole;  
3-(4-chloro-3-methoxy-2-naphthyl)-4-methyl-5-[(2-(methylthio)phenyl)-4*H*-1,2,4-triazole;  
3-[2-(4-chlorophenoxy)phenyl]-4-methyl-5-[(2-(methylthio)phenyl)-4*H*-1,2,4-triazole;  
3-[2-(4-chlorophenoxy)phenyl]-4-methyl-5-[(2-(methylsulfonyl)phenyl)-4*H*-1,2,4-triazole;  
3-(2-chlorophenyl)-5-(2,3-dichlorophenyl)-4-methyl-4*H*-1,2,4-triazole;  
3-(2-bromophenyl)-5-(2-chlorophenyl)-4-methyl-4*H*-1,2,4-triazole;  
3-[2-(4-fluorophenoxy)phenyl]-4-methyl-5-[2-(trifluoromethyl)phenyl]-4*H*-1,2,4-triazole;  
3-(2-chlorophenyl)-5-[2-chloro-3-(trifluoromethyl)phenyl]-4-methyl-4*H*-1,2,4-triazole; and  
4-[4-methyl-5-(1,2,3-trimethyl-1*H*-indol-5-yl)-4*H*-1,2,4-triazol-3-yl]phenol;  
or a pharmaceutically acceptable salt thereof.

21. A pharmaceutical composition comprising a compound in accordance with Claim 16 in combination with a pharmaceutically acceptable carrier.

22. A pharmaceutical composition comprising a compound in accordance with Claim 20 in combination with a pharmaceutically acceptable carrier.